

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 9100628

## I. CLASSIFICATION OF SUBJECT MATTER. (If several classification symbols apply, indicate all)\*

According to International Patent Classification (IPC) or to both National Classification and IPC  
F 16 L 55/16 F 16 L 55/165

## II. FIELDS SEARCHED

### Minimum Documentation Searched<sup>1</sup>

Classification System

Classification Symbols

Int.Cl.5

F 16 L

Documentation Searched other than Minimum Documentation  
to the Extent that such Documents are Included in the Fields Searched<sup>4</sup>

## III. DOCUMENTS CONSIDERED TO BE RELEVANT<sup>9</sup>

Category <sup>9</sup>	Citation of Document, <sup>11</sup> with indication, where appropriate, of the relevant passages <sup>12</sup>	Relevant to Claim No. <sup>13</sup>
A	WO-A-8 908 218 (NCC BYGG AB) 8th September 1989, see figures 1,2; claims 1,3	1,2,7,8
A	EP-A-0 241 719 (INSITUFORM GROUP LTD) 21st October 1987, see claims 1,7	1
A	GB-A-2 082 285 (INSITUFORM LTD) 3rd March 1982, see figure 1	1
A	WO-A-8 503 758 (RUMP) 29th August 1985	4-6,8

\* Special categories of cited documents: <sup>10</sup>

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

## IV. CERTIFICATION

Date of the Actual Completion of the International Search

02-07-1991

Date of Mailing of this International Search Report

17.09.91

International Searching Authority

EUROPEAN PATENT OFFICE

Signature of Authorized Officer



Danielle van der Haas

# ANNEX TO THE INTERNATIONAL SEARCH REPORT ON INTERNATIONAL PATENT APPLICATION NO.

GB 9100628

SA 46788

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on 06/09/91. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A- 8908218	08-09-89	SE-B- 460496	16-10-89
		SE-A- 8800653	26-08-89
EP-A- 0241719	21-10-87	CA-A- 1271115	03-07-90
		JP-A- 63067135	25-03-88
		US-A- 4778553	18-10-88
GB-A- 2082285	03-03-82	None	
WO-A- 8503758	29-08-85	EP-A- 0173702	12-03-86